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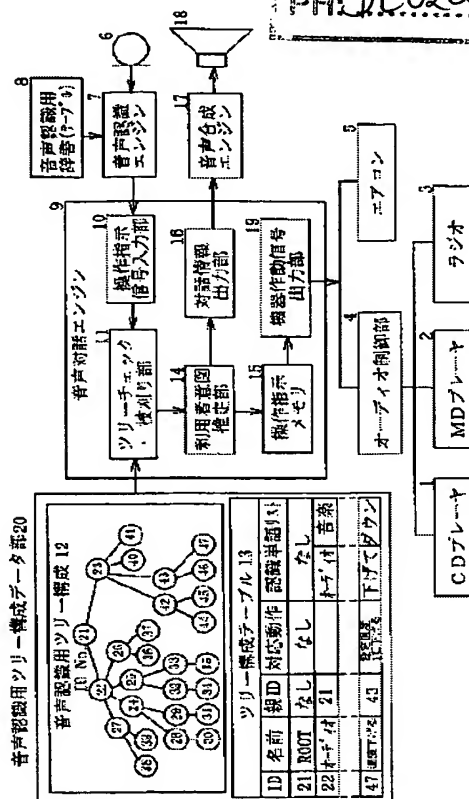
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APPLICANT : ALPINE ELECTRONICS INC;

INVENTOR : TAKEDA HIDEAKI;

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TITLE : SPEECH DIALOG DEVICE



ABSTRACT : PROBLEM TO BE SOLVED: To solve the trouble that in a conventional speech recognition device, input items have had to be sequentially inputted thereto according to the predetermined hierarchical structure of each item.

SOLUTION: User's operation instruction speech inputted from a microphone 6 recognized by a speech recognition engine 7 referring to a dictionary for speech recognition, and a speech dialog engine 9 checks the speech by a tree-check and pruning part 11, to prune unnecessary parts, based on the speech recognition tree structure data 12. Concerning the remaining branches, a user intention presumption part 14 presumes a user's intention if necessary, and outputs the branches from a dialog information output part 16 to a speech synthesis engine 17, where they are speech-synthesized to be outputted to the user from a loudspeaker. Then, the user intention presumption part 14 presents what it presumes based on the last mode or the like of each equipment or outputs a speech urging a selection when plural presumptions exist. This device is also applicable to a destination input of a navigation device.

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